Claim Amendments

Applicant has cancelled claims 1-20 and has added new claims 21-32. Applicant sets forth below a complete listing of the claims with the corresponding status indicated for each claim.

1-20. (Cancelled)

21. (New) A method for calibrating a virtual printer comprising a plurality of color marking engines, each of the color marking engines adapted to receive raster image data from a single raster image processor, the raster image data color balanced to a system color space, the method comprising:

printing a test pattern on one of the marking engines, the test pattern comprising a plurality of test patches, each test patch comprising corresponding expected colorimetric values;

reading the test pattern with a colorimeter to determine measured colorimetric values associated with each of the test patches; and

creating a lookup table that maps the measured colorimetric values to the expected colorimetric values.

22. (New) The method of claim 21, wherein the test patches comprise cyan, magenta and yellow colorants.

23. (New) The method of claim 21, wherein each test patch is associated with a corresponding toner density.

24. (New) The method of claim 21, wherein the test pattern comprises 256 test patches per colorant.

25. (New) The method of claim 21, wherein the colorimetric values comprise XYZ values.

26. (New) The method of claim 21, further comprising:

printing a test pattern on each of the marking engines;

reading each test pattern with a colorimeter to determine measured colorimetric values associated with each of the test patches; and

creating a corresponding lookup table for each marking engine, each lookup table mapping the corresponding measured colorimetric values to the expected colorimetric values.

27. (New) A method for creating a calibration lookup table for a virtual printer comprising a plurality of color marking engines, each of the color marking engines adapted to receive raster image data from a single raster image processor, the raster image data color balanced to a system color space, the method comprising:

printing a test pattern on one of the marking engines, the test pattern comprising a plurality of test patches, each test patch comprising corresponding expected colorimetric values;

reading the test pattern with a colorimeter to determine measured colorimetric values associated with each of the test patches; and

mapping the measured colorimetric values to the expected colorimetric values.

28. (New) The method of claim 27, wherein the test patches comprise cyan, magenta and yellow colorants.

29. (New) The method of claim 27, wherein each test patch is associated with a corresponding toner density.

30. (New) The method of claim 27, wherein the test pattern comprises 256 test patches per colorant.

31. (New) The method of claim 27, wherein the colorimetric values comprise XYZ values.

32. (New) The method of claim 27, further comprising:

printing a test pattern on each of the marking engines;

reading each test pattern with a colorimeter to determine measured colorimetric values associated with each of the test patches; and

creating a corresponding lookup table for each marking engine, each lookup table mapping the corresponding measured colorimetric values to the expected colorimetric values.